

Claims:

- 1 1. An apparatus for storing and/or retrieving and/or organizing medical
2 records and other vital personal information from bodily worn storage
3 devices, comprising:
 - 4 a bodily worn storage device capable of storing digitized (digital)
5 personal medical records and other vital personal emergency information
 - 6 a portable field unit with a unique interface wand capable of retrieving
7 digital patient records and information from the bodily worn device and
8 transmitting said digital information by wireless means
 - 9 a base unit capable of receiving said digital medical records and
10 information and organizing them into readable and medically significant
11 information for emergency medical treatment options
 - 12 a patient monitor module for interfacing the wireless critical patient
13 information and data with an existing emergency room patient monitoring
14 device
 - 15 software for digitizing and organizing and displaying said critical patient
16 information in page formats for emergency medical treatment and other
17 applications and usage
 - 18 software for controlling the internal logic of the portable field unit and the
19 patient monitoring module and the base unit.
- 1 2 The apparatus of claim 1 wherein the interface wand is capable of
2 capturing said digital medical records by non-contact optical or wireless
3 means
- 1 3. The apparatus of claim 1 wherein the bodily worn device is capable of
2 transmitting or receiving said digital medical records from the interface
3 wand by non-contact optical or wireless means.
- 1 4. The apparatus of claim 1 wherein the portable field unit is capable of
2 receiving, storing and displaying said medical records on a lighted display
3 screen via the interface wand.
- 1 5. The apparatus of claim 1 wherein the portable field unit is capable of
2 wireless transmission of the said digital medical records to said base unit.

- 1 6. The apparatus of claim 1 wherein the portable field unit is programmed
2 with software to allow for the organization and display of said digital
3 medical data.
- 1 7. The apparatus of claim 1 wherein the interface wand is capable of
2 transmitting or receiving wireless digital information from the said bodily
3 worn device using optical or other wireless- non contact means
- 1 8. The apparatus of claim 1 wherein the base unit is capable of receiving
2 said digital records in a wireless fashion
- 1 9. The apparatus of claim 1 wherein the base unit is capable of storing
2 and organizing the medical records and critical information into prioritized
3 pages for display and viewing.
- 1 10. The apparatus of claim 1 wherein the base unit contains software for
2 the logic control of receiving said digital records, organizing said records
3 in priority fashion and displaying said prioritized records on the display
4 screen.
- 1 11. The apparatus of claim 1 wherein the base unit is capable of archiving
2 and storing multiple digital patient records for retrieval and review.
- 1 12. The apparatus of claim 1 wherein the patient module is capable of 2
3 interfacing with an existing emergency room patient monitor and receiving
4 said wireless transmission of said medical records for display on said
existing patient monitor in an emergency situation.
- 1 13. The apparatus of claim 1 wherein the patient module contains an
2 interface Printed circuit board with electronic contact pads, or other
3 suitable means, for transmitting power to the module board and for
4 transmitting and receiving said digital patient medical records.
- 1 14. The apparatus or claim 1 wherein the patient module contains an
2 interface wand and electronic cable for capturing said digital records from
3 said bodily worn device, using non-contact wireless means, and
4 transmitting said records to the patient monitor for storage and display.

1 15. The apparatus of claim 1 wherein the system contains common
2 software and logic for the seamless storage, wireless transmission,
3 receiving, prioritizing, creation of readable pages and displaying of said
4 pages on a computer screen, patient monitor screen or other appropriate
5 display device.

1 16. A method for storing and/or retrieving and/or organizing medical
2 records and other vital personal information from bodily worn storage
3 devices , comprising:

4 providing a bodily worn storage device capable of storing digital medical
5 records and other vital personal health/emergency information and
6 a means of transmitting and receiving said digital medical records
7 to and from the bodily worn device in a wireless fashion from a
8 wireless receiving transmitting wand which would be either
9 attached to a portable storage device or a patient monitoring
10 device and be capable of displaying said medical data and records
11 on a computer display screen for use in a medical emergency or
12 other situation and a means of transmitting said medical records
13 from the portable field unit to a base unit for display and review by
14 a medical professional and for storage and archival purposes

1 17 The method of claim 16 further including organizing the digital
2 medical records stored in the bodily worn device into electronic pages
3 which are in a medically significant prioritized manner with most critical
4 information in a life threatening situation be accessible first and lesser
5 medical information and personal information be accessible secondary.

1 18. The method of claim 16 further including transmitting said digital
2 medical information from the bodily worn device to the portable field unit
3 using optical or other wireless means via a wand or other suitable means.

1 19 The method of claim 16 further including means of storing, organizing,
2 prioritizing and displaying said digital medical records on the portable unit
3 for emergency medical treatment.

1 20. The method of claim 19 further including a means of transmitting the
2 said medical records from the portable field unit via wireless or wired
3 means to a base unit.

1 21. The method of claim 16 further including a means of transmitting said
2 digital medical records from the bodily worn device to a multi use patient
3 monitor via wireless non contact means.

1 22. The method of claim 21 further including a means of organizing ,
2 prioritizing and displaying said medical records on the patient monitoring
3 screen for emergency medical or other medical usage.

1 23. The method of claim 20 further including a means of transmitting said
2 digital medical records from the portable field unit to a base unit via
3 wireless or wired means.

1 24. The method of claim 23 further including a means of organizing,
2 prioritizing and displaying said medical records within the base unit for
3 emergency medical treatment.

1 25. The method of claim 24 further including a means of prioritizing
2 medical records in a medically significant fashion so most critical life
3 saving medical information, tailored to the individual wearing said bodily
4 worn device, is displayed first in a medical emergency and . secondary
5 medical information is displayed secondary on subsequent sequential
6 pages.

1 26. The method of claim 16 further comprising a means to allow for a
2 common software language so that the digital information and medical
3 records within the bodily worn device is compatible with the portable unit,
4 the patient monitor and the base unit in a seamless and efficient manner.

1 27. The method of claim 16 further comprising a means of updating an
2 individuals digital medical records within the bodily worn device via
3 transmission of updated data from the base unit or portable unit to the
4 bodily worn device via wireless or wired means.

1 28. A method of claim 16 further comprising a means of erasing data
2 within a bodily worn device and re-writing new and/or updated digital
3 medical records within the bodily worn device via wired or wireless
4 transmission from the portable field unit or the base unit.